

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|------------------------------|------------------|---------|------------------|
| S16 | 827 | 204/298.12.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/14 15:59 |
| S17 | 86 | 204/298.01-298.41.ccls. and (radius adj2 curvature) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/14 16:06 |
| S18 | 192 | 204/298.18.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/14 16:34 |
| S19 | 158 | radius and sputter\$5 and target | EPO; JPO; DERWENT | OR | OFF | 2008/01/14 16:51 |
| S20 | 51 | radius and sputter\$5 and target and 204/298.18.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/14 16:51 |
| S21 | 192 | 204/298.18.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/14 17:13 |
| S22 | 150 | ("148"/\$.ccls. or "420"/\$.ccls. or "428"/\$.ccls.) and (hollow adj cathode) and sputter\$5 | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/14 17:14 |
| S23 | 97 | ("148"/\$.ccls. or "420"/\$.ccls. or "428"/\$.ccls.) and (hollow adj cathode) and sputter\$5 and target | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/14 17:16 |
| S24 | 8 | ("3788655" "4463797" "5087297" "5360496" "6045634" "6139701" "6197134" "6251242").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/14 17:21 |
| S25 | 341 | 204/298.01-298.41.ccls. and ((hollow adj cathode) or HCM) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/14 17:21 |
| S26 | 82 | 204/298.01-298.41.ccls. and ((hollow adj cathode) or HCM) and radius | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/14 17:22 |
| S27 | 82 | 204/298.01-298.41.ccls. and ((hollow adj cathode) or HCM) and radius | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/14 17:27 |
| S28 | 1 | "5336386".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/14 17:29 |
| S29 | 0 | WO-01029279-\$.did. | EPO; DERWENT | OR | OFF | 2008/01/14 17:32 |
| S30 | 211 | (hollow adj cathode) and sputter\$5 | EPO; JPO; DERWENT | OR | OFF | 2008/01/14 17:32 |
| S31 | 46 | (hollow adj cathode) and sputter\$5 | JPO | OR | OFF | 2008/01/14 17:34 |
| S32 | 35 | (radius adj2 curvature) and sputter\$5 | JPO | OR | OFF | 2008/01/14 17:34 |

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|-----|-------|---|---|----|-----|------------------|
| S33 | 18 | ("4622121" "4865712" "5171415" "5188717" "5252194" "5314597" "5482611" "5593551" "6132576" "6179973" "6193854" "6432285" "6444105" "6471831" "6491801" "6497796" "6613199" "6683425"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 07:42 |
| S34 | 13814 | sputter\$5 and (tantalum or Ta) and micron\$2 | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 07:43 |
| S35 | 105 | sputter\$5 and (tantalum or Ta) and micron\$2 and (204/298.12.ccls. or 204/298.13.ccls.) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 07:43 |
| S36 | 50 | micchaluk | EPO; DERWENT | OR | OFF | 2008/01/15 08:03 |
| S37 | 1 | "6887356".pn. and corner\$2 | USPAT | OR | OFF | 2008/01/15 08:05 |
| S38 | 0 | US-6887356-\$.did. | EPO | OR | OFF | 2008/01/15 08:07 |
| S39 | 1 | US-6887356-\$.did. | EPO; DERWENT | OR | OFF | 2008/01/15 09:05 |
| S40 | 1 | "6887356".pn. and alloy\$2 | USPAT | OR | OFF | 2008/01/15 08:30 |
| S41 | 1 | "6283357".pn. | USPAT | OR | OFF | 2008/01/15 09:25 |
| S42 | 196 | target\$5 and sputter\$5 and (radius same corner\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/01/15 09:39 |
| S43 | 2 | "6193854".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/01/15 09:32 |
| S44 | 11 | (HCM or (hollow adj cathode)) and sputter\$5 and (radius same corner\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/01/15 09:40 |
| S45 | 46 | (HCM or (hollow adj cathode)) and sputter\$5 | JPO | OR | OFF | 2008/01/15 09:47 |
| S46 | 357 | cylindrical\$5 and target and sputter\$5 | JPO | OR | OFF | 2008/01/15 10:03 |
| S47 | 6 | cylindrical\$5 and target and sputter\$5 and radius | JPO | OR | OFF | 2008/01/15 10:03 |
| S48 | 67 | sputter\$5 and target and radius | JPO | OR | OFF | 2008/01/15 10:13 |
| S49 | 20 | sputter\$5 and target and (radius same (Corner\$ or curvature)) | EPO; JPO; DERWENT | OR | OFF | 2008/01/15 10:16 |

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| S51 | 308 | sputter\$5 and target and (radius same (Corner\$ or curvature)) and ("204"/\$.ccls. or "148"/\$.ccls. or "228"/\$.ccls. or "420"/\$.ccls. or "428"/\$.ccls.) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 10:29 |
| S52 | 192 | 204/298.18.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 10:29 |
| S53 | 19 | ("2146025" "3884793" "4162954" "4282083" "4401539" "4417968" "4422916" "4428816" "4444643" "4457825" "4472259" "4515675" "4569746" "4595482" "4604180" "4622121" "4627904" "4747926").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 10:51 |
| S54 | 578 | 204/298.12.ccls. | USPAT; USOCR | OR | OFF | 2008/01/15 11:05 |
| S55 | 1 | "6283357".pn. | USPAT; USOCR | OR | OFF | 2008/01/15 11:19 |
| S56 | 10 | ("3912152" "4202709" "4869468" "4873419" "5143590" "5687600" "5729084" "5858556" "5982973" "6030514").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 11:05 |
| S57 | 10 | ("3912152" "4202709" "4869468" "4873419" "5143590" "5687600" "5729084" "5858556" "5982973" "6030514").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 11:07 |
| S58 | 146 | (204/298.12.ccls. or 204/298.13.ccls.) and (copper or Cu) and micron\$2 | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 11:19 |
| S59 | 1457 | (copper or Cu) and (Sn or tin) and target and sputter\$5 and ("204"/\$.ccls. or "148"/\$.ccls. or "420"/\$.ccls.) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 11:38 |
| S60 | 1 | JP-2000256843-\$.did. | JPO | OR | OFF | 2008/01/15 11:37 |
| S61 | 1 | "6140570".pn. | USPAT | OR | OFF | 2008/01/15 11:37 |
| S62 | 1 | US-6482302-\$.did. | EPO; DERWENT | OR | OFF | 2008/01/15 11:37 |
| S63 | 260 | (copper or Cu) and (Sn or tin) and target and sputter\$5 and (204/298.12.ccls. or 204/298.13.ccls.) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 11:38 |
| S64 | 164 | ((copper or Cu) same (Sn or tin)) and target and sputter\$5 and (204/298.12.ccls. or 204/298.13.ccls.) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 11:39 |
| S65 | 164 | ((copper or Cu) same (Sn or tin)) and target and sputter\$5 and (204/298.12.ccls. or 204/298.13.ccls.) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 11:54 |

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| S66 | 401 | ((copper or Cu) same (Al or aluminum)) and target and sputter\$5 and (204/298.12.ccls. or 204/298.13.ccls.) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 11:55 |
| S67 | 119 | ((copper or Cu) adj5 (Al or aluminum)) and target and sputter\$5 and (204/298.12.ccls. or 204/298.13.ccls.) | USPAT; USOCR | OR | OFF | 2008/01/15 12:05 |
| S68 | 11 | sip and 204/298.12.ccls. | USPAT; USOCR | OR | OFF | 2008/01/15 12:05 |
| S69 | 18 | ("4622121" "4865712" "5171415" "5188717" "5252194" "5314597" "5482611" "5593551" "6132576" "6179973" "6193854" "6432285" "6444105" "6471831" "6491801" "6497796" "6613199" "6683425"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 12:09 |
| S70 | 1 | "6179973".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 12:11 |
| S71 | 579 | 204/298.01-298.41.ccls. and (target adj5 thickness) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 12:12 |
| S72 | 295 | 204/298.01-298.41.ccls. and (target adj5 thickness) and (HCM or (hollow adj cathode) or cylindrical or cylinder or cup or container) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 12:13 |
| S73 | 21 | ("3884793" "5171415" "5188717" "5244556" "5393398" "5437778" "5529674" "5656138" "5693197" "5770025" "5855745" "5865961" "5993621" "5997697" "6033536" "6042706" "6063245" "6077407" "6083364" "6113761" "6283357"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 12:24 |
| S74 | 1 | "4842703".pn. and thick\$5 | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 12:28 |
| S75 | 8 | (radius adj2 curvature) and sputter\$5 and target | EPO; JPO | OR | OFF | 2008/01/15 12:28 |
| S76 | 84 | radius and (204/298.12.ccls.) | USPAT | OR | OFF | 2008/01/15 12:44 |
| S77 | 84 | radius and (204/298.12.ccls.) | USPAT | OR | OFF | 2008/01/15 12:46 |
| S78 | 305 | diameter and (204/298.12.ccls.) | USPAT | OR | OFF | 2008/01/15 12:48 |
| S79 | 248 | (diameter same target) and (204/298.12.ccls.) | USPAT | OR | OFF | 2008/01/15 13:03 |
| S80 | 1 | US-6589408-\$.did. | EPO; DERWENT | OR | OFF | 2008/01/15 13:04 |

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| S81 | 39 | diameter and target and sputter\$5 and (HCM or (hollow adj cathode) or cylindrical) | JPO | OR | OFF | 2008/01/15 13:13 |
| S83 | 710 | diameter and target and sputter\$5 and (HCM or (hollow adj cathode) or cylindrical) and 204/298.01-298.41. ccls. | USPAT | OR | OFF | 2008/01/15 13:13 |
| S84 | 425 | (diameter same target) and sputter\$5 and (HCM or (hollow adj cathode) or cylindrical) and 204/298.01-298.41. ccls. | USPAT | OR | OFF | 2008/01/15 13:14 |
| S85 | 162 | (diameter adj5 target) and sputter\$5 and (HCM or (hollow adj cathode) or cylindrical) and 204/298.01-298.41. ccls. | USPAT | OR | OFF | 2008/01/15 13:17 |
| S86 | 0 | (diameter adj5 target) and sputter\$5 and (vault) and 204/298.01-298.41. ccls. | USPAT | OR | OFF | 2008/01/15 13:17 |
| S87 | 1 | "6391163".pn. | USPAT | OR | OFF | 2008/01/15 16:31 |
| S88 | 20 | ("4159909" "4466940" "4620872" "4808373" "4814053" "4885029" "5039570" "5178739" "5330629" "5496391" "5567382" "5599740" "5685491" "5686335" "5693565" "5801100" "5803342" "5809393" "5917244" "6160315").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 16:48 |
| S89 | 1 | JP-06171246-\$.did. | JPO | OR | OFF | 2008/01/15 16:49 |
| S90 | 1 | JP-06177117-\$.did. | JPO | OR | OFF | 2008/01/15 16:51 |
| S91 | 1 | copper and sputter\$5 and target and aluminum and grain | JPO | OR | OFF | 2008/01/15 16:51 |
| S92 | 33 | copper and sputter\$5 and target and aluminum | JPO | OR | OFF | 2008/01/15 16:55 |
| S93 | 1 | "6139701".pn. | USPAT | OR | OFF | 2008/01/15 16:55 |
| S94 | 10 | ("3279039" "4964962" "5196916" "5268236" "5447616" "5456815" "5803342" "5809393" "6001227").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 17:02 |
| S95 | 8 | ("3788655" "4463797" "5087297" "5360496" "6045634" "6139701" "6197134" "6251242").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/15 17:02 |